



Weather Briefing

NOAA National Weather Service Grand Rapids



Severe Weather and Flash Flooding Potential Through Tuesday Night

Posted on Tuesday, August 1, 2011 at 1 PM

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Weather Event Details



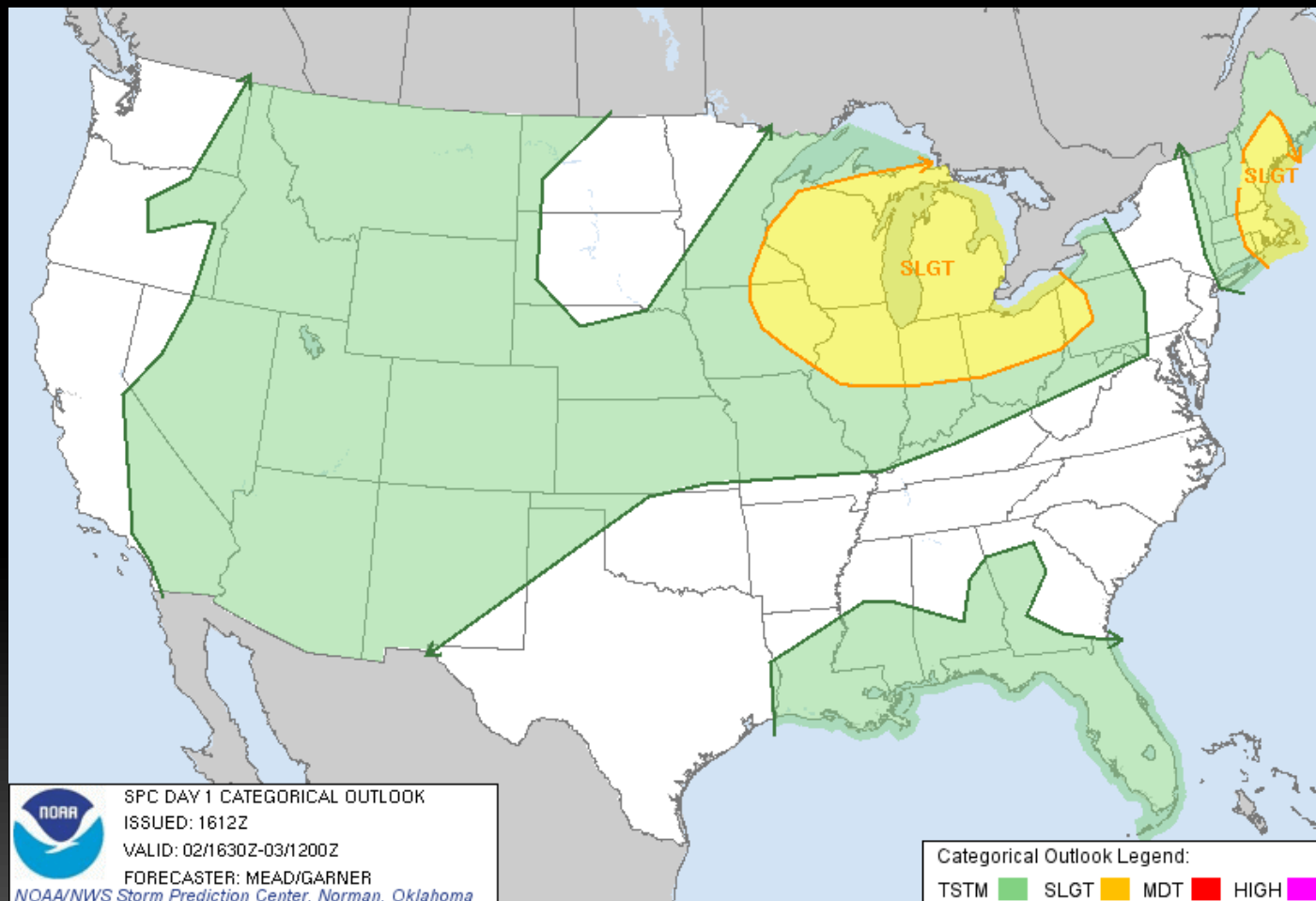
Evolution	<ul style="list-style-type: none">• Cold Front approaches and slows down over southern Michigan• Thunderstorms move over the region from the west/northwest• Training of Thunderstorms may result in locally heavy rainfall• Damaging Winds, Heavy Rainfall likely – Hail, Isolated Tornadoes possible• Main Stem Rivers expected to see little additional rainfall at this time
Time Period of Concern	<ul style="list-style-type: none">• Severe Weather: Onset 2pm to 4pm - lasting into the evening• Flash Flooding: Heaviest Rainfall expected after 6pm• Ending Time of Thunderstorms around midnight tonight
Area of concern	<ul style="list-style-type: none">• Severe Weather : All of Lower Michigan• Flash Flooding: Along cold front – especially if it slows down
Confidence Level	<ul style="list-style-type: none">• Good confidence in thunderstorm potential• Good confidence in potential for heavy rainfall• Lower confidence is location of heavy rainfall – along cold front

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Thunderstorm Threat

Slight Risk mainly through 12am Tonight



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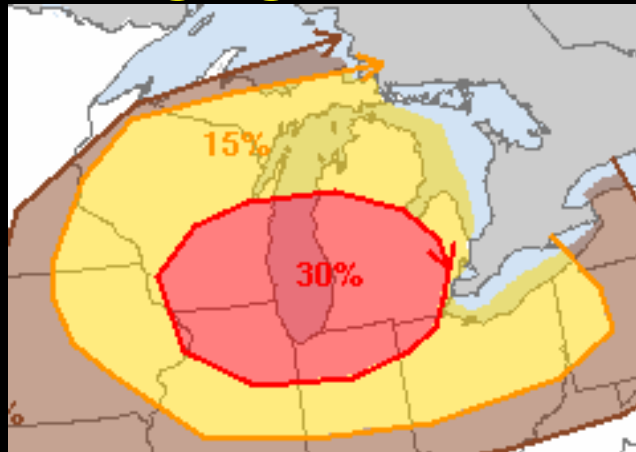


Severe Weather Threats

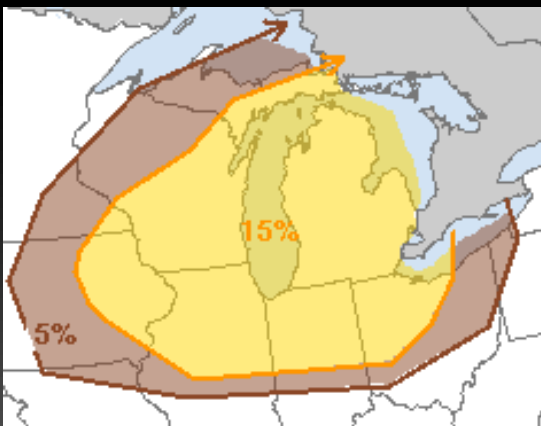
This Afternoon and Early Tonight



Damaging Wind Threat



Hail Threat



Tornado Threat

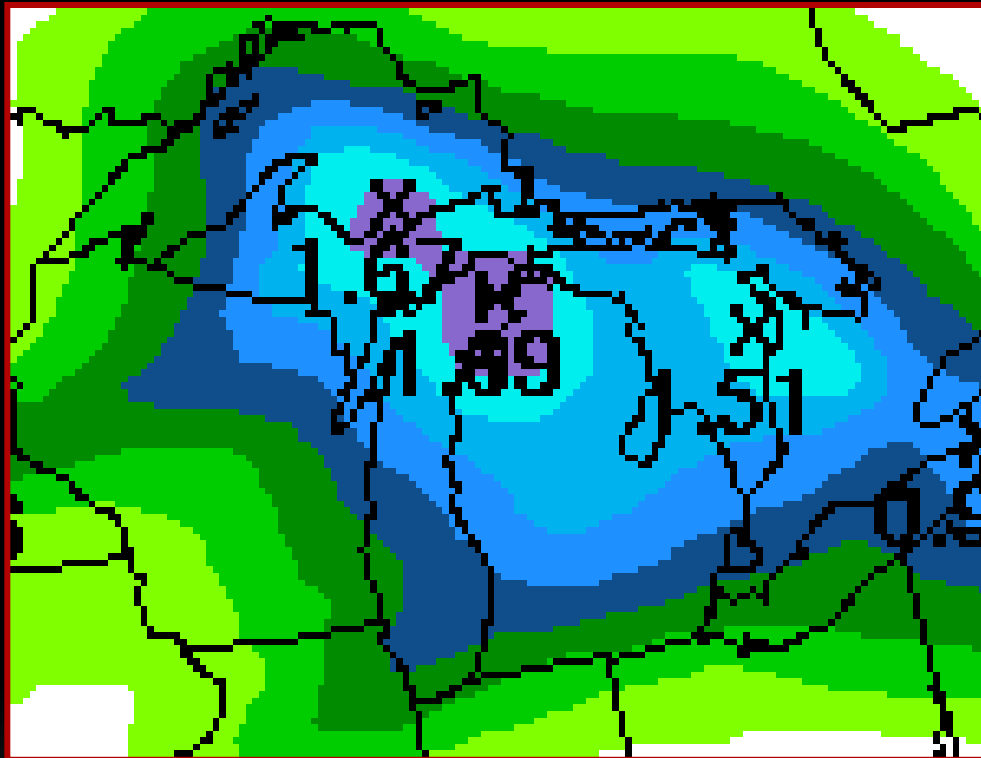


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Forecast Rainfall Total

Today through 8 AM Wednesday



Heavy Rain Threat

- Generally One Inch of Rainfall or Greater
- Higher Amounts expected generally after 6 pm
- Local 1 to 2 inch per hour rates likely at times
- Training Storms Possible along the cold front – may stall across southern MI

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Important Web Links

NOAA National Weather Service Grand Rapids



NWS Grand Rapids Website

www.weather.gov/grandrapids

Archived Webinars

www.weather.gov/grr/webinars

Severe Weather Summary

www.crh.noaa.gov/hazards/grr

Storm Prediction Center

www.weather.gov/spc

National Radar

www.weather.gov/radar